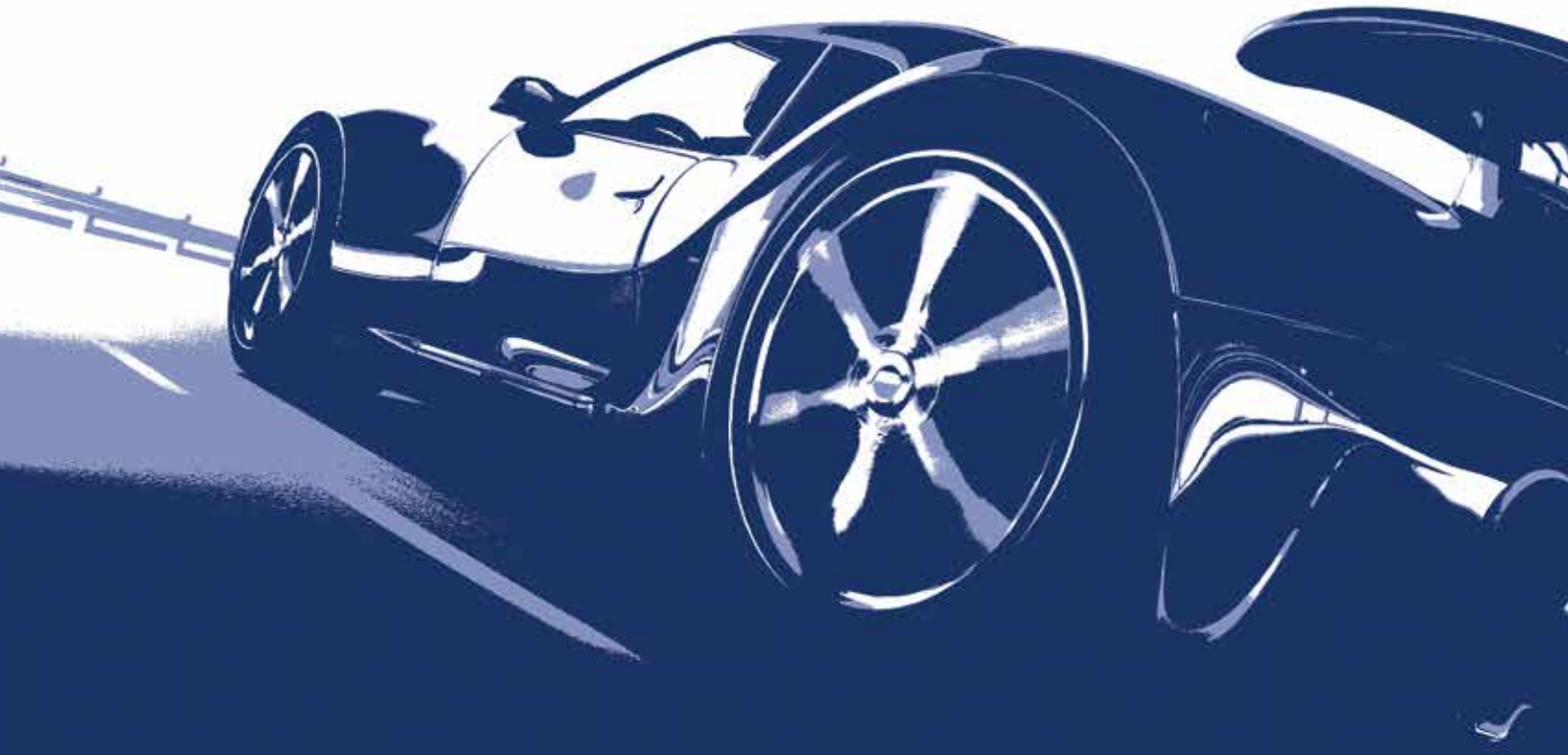
# aXxera™



**2013** PRODUCT LINE

## Built-in Bluetooth Wireless Technology

The Axxera AXD530, X2DMA500 and XDMA7200 receivers have built-in Bluetooth with support for HFP, A2DP, and AVRCP profiles:

**Hands-free Calling** (HFP) Allows phone calls via the car's audio system using most Bluetooth enabled cell phones, including the iPhone and other smartphones.

**Audio Streaming and Player Control** (A2DP and AVRCP) Allow for wireless audio streaming from a mobile phone or a media player to the car's receiver. Control your media player directly from the receiver's front panel while also enjoying quality sound from your car's speakers.

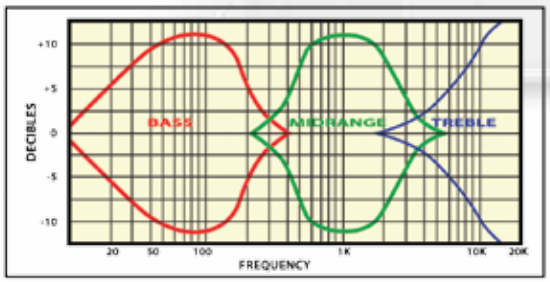
**Phone Book Support** (PBAB) Allows the receiver to wirelessly download the contacts from your phone, enabling you to browse your list of contacts and to dial/initiate a call straight from the receiver. View caller ID, answer a call, redial, or manage call waiting – all from the receiver's front panel. (X2DMA500)

## Custom Colors

The Custom Colors feature allows the user to personalize the LCD display of the receiver. With thousands of color variations, users can create their own custom look and change it as often as they desire.

## UltraMotion Display

Dual is the first manufacturer to introduce tablet-like, multi-touch display functionality in automobile multimedia receivers. The UltraMotion Display allows you to swipe, flick, drag and drop objects, and to rearrange the menu icons for a custom layout. The stunning, 3D-like menu graphics are also interactive. The technology is powered by Dual's 3D graphics engine featuring an ARM Cortex™-A8 single core 1GHz CPU.




## Advanced Audio Settings

Most Axxera receivers offer 3-band equalizer with adjustable Q-factor and adjustable center frequencies. The dedicated subwoofer output features adjustable crossover and built-in high-pass filter.

## 3" QVGA Full-Color LCD

These large, multi-line digital LCDs (320 x 240) feature stunning, full-color background graphics. The scrolling display shows album art, artist and song information.

## Multi-Format Audio Support

All Axxera receivers are compatible with today's most popular digital audio formats, allowing the user to bring their entire music collection to the car via CD, USB thumb drive, SD card or media player.

**CD Playback Mode** Axxera CD receivers allow playback of MP3/WMA data CDs in addition to traditional CDs and CD-R/RWs. Know what is playing at a glance with ID3 tag display of artist and track information.

**SD/SDHC Card Playback Mode** All Axxera audio receivers feature SD card inputs, allowing users to access their music library (up to 32GB of MP3 or WMA files) via an SD/SDHC card. The SD card inputs are conveniently located on the front panel or behind the faceplate of the receiver.

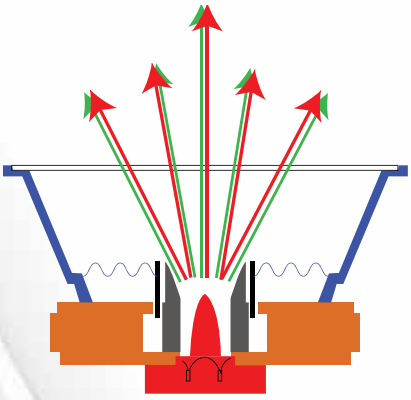
**USB Playback Mode** All Axxera audio receivers feature USB inputs, allowing users to access their music library (up to 16GB of MP3 or WMA files) via a USB flash drive. The USB inputs are conveniently located on the front panel of the receiver.

## In-Dash Control for Pandora®

Enjoy personalized Internet radio in your car, directly from the receiver. Give tracks "thumbs up" or "thumbs down," bookmark a song for purchase and switch between your personalized radio stations. The receiver conveniently displays full track data. The Pandora control feature is compatible with iPhone devices connected to the receiver via USB. Pandora app required (free download from the iTunes App Store).

## Direct USB Control for iPod®/iPhone®

Found in most Axxera CD and Multimedia receivers, this feature allows you to control your iPod or iPhone directly from the receiver's front panel. Simply connect your device via the USB input and voila! Browse the music library, change songs and adjust volume – all safely, within arm's reach, while enjoying high-quality sound from the car speakers. The connected device will also charge, so it is ready to go when you are.



## True In-Phase Technology

The Axxera AXiS Series speakers feature True In-Phase technology for the most realistic music reproduction in a car. The speakers' unique acoustical design positions the tweeter directly behind the woofer. The tweeter is also horn-loaded through the woofer voice coil so that the two can work perfectly in phase at all angles. This unique alignment allows the speakers to produce the most natural, studio-like sound reproduction, regardless of where you sit in a vehicle.

## 2-Year Warranty

All Axxera products are backed by our 2-year warranty on parts and labor if purchased and professionally installed by an authorized Axxera dealer.

## AXV3D

### DVD Multimedia Receiver with UltraMotion Display

NEW!

This new receiver boasts a 6.2" high-definition digital LCD with multi-touch technology and interactive, 3D-like menu graphics. The display allows you to swipe, flick, drag and drop objects, and to rearrange the icons for customized menu.

Direct control for iPod/iPhone devices, including control for Pandora Internet radio is available through the USB input on the front. The receiver is SiriusXM-Ready and Bluetooth-ready. It also features a 3.5mm auxiliary input on the front and RCA-type inputs on the back. An SD card slot behind the semi-detachable faceplate supports 1080p playback.

The 3 pairs of 4-Volt RMS preamp outputs allow for a high-quality signal to be passed to the amplifier for better audio performance. A dedicated RCA video output on the back allows for the connection of an additional monitor. The receiver is also steering wheel control-ready and back-up camera-ready.

## AXV820

### DVD Multimedia Receiver with Built-In Bluetooth®

Featuring a 6.2" high-definition, digital LCD and built-in Bluetooth technology with support for hands-free calling, audio streaming and player control profiles. Direct control for iPod/iPhone devices is available via the USB inputs on the front and rear. The 3 pairs of 4-Volt RMS preamp outputs allow for a high-quality signal to be passed to the amplifier for better audio performance. A dedicated RCA video output on the back allows for the connection of an additional monitor. The receiver is also steering wheel control-ready and back-up camera-ready.

| Feature / Model # | DIN Size | Power | MOSFET | Display Resolution | Direct USB Control for iPod/iPhone | Pandora Control[1] | Bluetooth | SiriusXM Ready[3] | USB Inputs | SD Card Input | Video Inputs | Video Outputs | Preamp Outputs | Preamp Voltage | Back-Up Camera Ready | Steering Wheel Controls[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AXV3D | 2.0 | 240 (60 x 4) | ✓ | 800x480xRGB | ✓ | ✓ | Ready[2] | ✓ | 1 | ✓ | Front 3.5mm Rear RCA | 1 | 3 (F/R/S) | 4V | ✓ | ✓ |
| AXVN820 | 2.0 | 240 (60 x 4) | ✓ | 800x480xRGB | ✓ | | Built-In[5] | | 2 (F+R) | ✓ | Front 3.5mm Rear RCA | 2 | 3 (F/R/S) | 4V | ✓ | ✓ |

1 - iPhone® via USB 2 - Requires BTM100 Bluetooth Module (sold separately) 3 - Requires SIRIUSXM Vehicle Connect Tuner (sold separately) 4 - Requires PAC SWI-PS adapter (sold separately)
5 - HFP - Hands-Free Profile. A2DP- Advanced Audio Distribution Profile, AVRCP - Audio video Remote Control Profile

## AXD530
### Multi-Format CD Receiver with 3" QVGA TFT LCD

NEW!

This new receiver features a large, 3" QVGA multi-line, full-color LCD (320 x 240) with stunning, 3D-like background graphics. The scrolling display shows album art and artist/song information. The built-in Bluetooth technology supports hands-free calling, audio streaming and player control profiles. Direct control for iPod/iPhone devices, including control for Pandora Internet radio is available through the USB input on the front. Pandora control for Android and Blackberry devices is available via Bluetooth. The Pandora control feature allows you to give tracks "thumbs up" or "thumbs down," bookmark a song for purchase and switch between your personalized radio stations. The receiver conveniently displays full track data. The 3 pairs of 4-Volt RMS preamp outputs allow for a high-quality signal to be passed to the amplifier for better audio performance. The receiver is also steering wheel control-ready.

Made for iPod iPhone | PANDORA internet radio | 3" QVGA LCD | Bluetooth | Connectivity via Bluetooth | USB UNIVERSAL SERIAL BUS | <2 YEAR> WARRANTY

## AXD430
### Multi-Format CD Receiver

NEW!

with a 3" QVGA TFT LCD, full-color 3D-like background graphics, direct USB control for iPod/iPhone devices, and control for Pandora Internet radio.

Made for iPod iPhone | PANDORA internet radio | 3" QVGA LCD | USB UNIVERSAL SERIAL BUS | <2 YEAR> WARRANTY

## AXD330
### Multi-Format CD Receiver

NEW!

with a full-graphic LCD with RGB custom colors, direct USB control for iPod/iPhone devices, and control for Pandora Internet radio.

Made for iPod iPhone | PANDORA internet radio | CUSTOM COLORS | USB UNIVERSAL SERIAL BUS | <2 YEAR> WARRANTY

## AXM230
### Mechless Digital Media Receiver

NEW!

with a 3" QVGA TFT LCD, full-color 3D-like background graphics, direct USB control for iPod/iPhone devices, and control for Pandora Internet radio.

Made for iPod iPhone | PANDORA internet radio | 3" QVGA LCD | USB UNIVERSAL SERIAL BUS | <2 YEAR> WARRANTY

## AXD130

NEW!

### CD Receiver

with front panel USB and 3.5mm auxiliary inputs.

## XDMA7200

### Multi-Format CD Receiver

with built-in Bluetooth and direct USB control for most iPod & iPhone devices.

Made for iPod iPhone · Bluetooth · Connectivity via Bluetooth · USB Universal Serial Bus · SD · 2 YEAR WARRANTY

## X2DMA500

### Multi-Format CD Receiver

with multi-line full graphic LCD, built-in Bluetooth, direct USB control for most iPod & iPhone devices and advanced audio settings.

Made for iPod iPhone · Bluetooth · Connectivity via Bluetooth · USB Universal Serial Bus · SD · 2 YEAR WARRANTY

| Feature / Model # | DIN Size | LCD | Power | MOSFET | Direct USB Control for iPod/iPhone | Pandora Control [1] | Bluetooth [2] | USB Inputs | SD Card Input | AUX Inputs | Preamp Outputs | Preamp Voltage | Steering Wheel Controls [3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AXD530 | 1.0 | 3" QVGA | 240 (60 x 4) | ✓ | ✓ | ✓ | Built-In | 1 | | Front 3.5mm Rear RCA | 3 (F/R/S) | 4V | ✓ |
| AXD430 | 1.0 | 3" QVGA | 240 (60 x 4) | ✓ | ✓ | ✓ | | 1 | | Front 3.5mm Rear RCA | 2 (F+R/S) | 4V | ✓ |
| AXD330 | 1.0 | Graphic RGB | 240 (60 x 4) | ✓ | ✓ | ✓ | | 1 | | Front 3.5mm Rear RCA | 2 (F+R/S) | 4V | ✓ |
| AXD230 | 1.0 | 3" QVGA | 240 (60 x 4) | ✓ | ✓ | ✓ | | 1 | | Front 3.5mm Rear RCA | 2 (F+R/S) | 4V | ✓ |
| AXD130 | 1.0 | 12-Character | 240 (60 x 4) | ✓ | | | | 1 | | Front 3.5mm | 1 (R/S) | 2V | |
| XDMA7200 | 1.0 | 2-Line 16 Character | 240 (60 x 4) | ✓ | ✓ | | Built-In | 1 | ✓ | Front 3.5mm | 2 (F+R/S) | 2V | ✓ |
| X2DMA500 | 2.0 | Full Graphic | 240 (60 x 4) | ✓ | ✓ | | Built-In | 2 (F+R) | ✓ | Front 3.5mm | 3 (F/R/S) | 2V | ✓ |

1 - iPhone® via USB  2 - HFP - Hands-Free Profile. A2DP- Advanced Audio Distribution Profile, AVRCP - Audio video Remote Control Profile  3 - Requires PAC SWI-PS adapter (sold separately)

## AXA10D
### Digital Mono Amplifier
NEW!

Featuring performance-matched output transistors for maximum power transfer and black anodized extruded aluminum heat sinks for dissipating the heat. Direct-wire inputs eliminate the need for extra terminals while ensuring a more positive connection through increased wire contact. In addition, thermal overload and low-impedance circuits provide protection for even the most demanding applications.

CLASS D DIGITAL

Amplifier Power Standard CEA CEA-2006 Compliant

## AXA40D
### Digital 4/3/2 Channel Amplifier
NEW!

Featuring variable high-pass and low-pass crossovers with a 12dB/octave crossover slope.

CLASS D DIGITAL

Amplifier Power Standard CEA CEA-2006 Compliant

## AXA20
### 2/1 Channel Amplifier
NEW!

Featuring simultaneous stereo and bridged operation, allowing the connection of both full-range speakers and a subwoofer to the amplifier.

Amplifier Power Standard CEA CEA-2006 Compliant

| Feature / Model # | Number of Channels | RMS Power (4ohm) | RMS Power (2ohm) | RMS Power (4ohm Bridged) | Max. Power | Amplifier Type | Low Level Inputs | Crossover (High/Low) | Bass Boost | Remote Bass Control | Dimensions |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AXA10D | 1 | 350W x 1 | 630W x 1 | | 800W | Class-D | ✓ | LP | ✓ | Included | 1.58" (H) x 4.7" (W) x 9" (D) |
| AXA40D | 4 | 100W x 4 | 150W x 4 | 260W x 2 | 600W | Class-D | ✓ | HP/LP | | | 1.58" (H) x 4.7" (W) x 9" (D) |
| AXA20 | 2 | 80W x 2 | 120W x 2 | 280W x 1 | 400W | A/B | ✓ | HP/LP | ✓ | | 2.1" (H) x 9.7" (W) x 9" (D) |

AXS514 shown

## AXS609
6" x 9" 2-Way True In-Phase Speakers NEW!

## AXS612
6.5" 2-Way True In-Phase Speakers NEW!

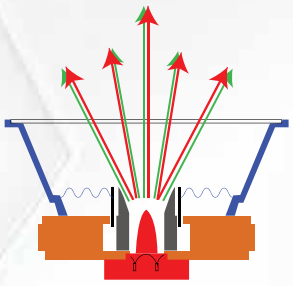
## AXS514
5.25" 2-Way True In-Phase Speakers NEW!

### AXiS Series Specifications
- External 6dB high-pass filter with integrated tweeter protection
- Horn-loaded PEI compression tweeter
- 4-ohm impedance
- Coated cloth surrounds
- Treated paper cones for softer, more accurate and natural sounding music reproduction
- 1" Polymer voice coil
- 2 Year warranty

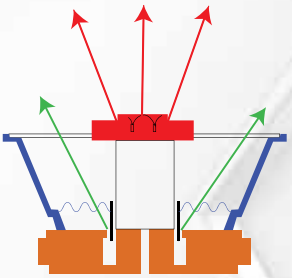
# AXiS Speakers Series

With AXiS Speaker technology the woofer and the tweeter work perfectly in phase at all angles, for the most natural, realistic studio-like sound reproduction. Enjoy optimum music experience regardless of where you sit in a vehicle.

### True In-Phase Technology:
Unlike most car speakers, the Axxera AXiS series features a unique acoustical design. The tweeter is horn-loaded through the woofer voice coil so that the two work perfectly in-phase at all angles as well as improving overall efficiency. This unique alignment allows the speakers to produce the most natural, realistic studio-like sound regardless of listening position. Enjoy an optimum musical experience regardless of where you sit in a vehicle.



AXiS Speaker



Traditional Speaker

### Significantly louder than traditional speakers:
Thanks to their super-efficient design requiring less amplification, these speakers than standard speakers are significantly louder at the same volume level.

### Built-in Tweeter Protection Circuit:
The tweeter has a built-in circuit that reduces the power to the tweeter at the first sign of a distorted signal-protecting the speaker from damage.

### Omnidirectional Sound Dispersion:
The AXiS speakers deliver wide and even sound for an optimum listening experience regardless of where you are in a vehicle.

| Feature / Model # | Size | Power Rating (RMS/Peak) | Woofer | Tweeter | Sensitivity | Frequency Response | Mounting Hole Diameter | Mounting Depth |
|---|---|---|---|---|---|---|---|---|
| AXS609 | 6" x 9" | 100W/650W | Treated Paper | Horn-Loaded PEI | 97dB | 45Hz - 18kHz | 8.74" x 6.06" | 3.54" |
| AXS612 | 6.5" | 60W/400W | Treated Paper | Horn-Loaded PEI | 94dB | 60Hz - 18kHz | 5.63" | 2.17" |
| AXS514 | 5.25" | 45W/300W | Treated Paper | Horn-Loaded PEI | 92dB | 65Hz - 18kHz | 4.57" | 2.32" |

## AXM804/AXM804DVC
### 8" Midrange Speaker
NEW!

- 150 Watts RMS / 1000 Watts Peak (AXM804)
- 300 Watts RMS / 2000 Watts Peak (AXM804DVC)
- Moisture-resistant treated paper cone
- Aluminum phase plug for heat dissipation and increased power handling
- Coated cloth surround for life-like sound reproduction
- Ferro fluid cooled voice coil for increased power handling
- Sold individually
- Available in single and dual 4-Ohm voice coils (AXM804DVC)

## AXM654/AXM654DVC
### 6.5" Midrange Speaker
NEW!

- 125 Watts RMS / 875 Watts Peak (AXM654)
- 250 Watts RMS / 1750 Watts Peak (AXM654DVC)
- Moisture-resistant treated paper cone
- Aluminum phase plug for heat dissipation and increased power handling
- Coated cloth surround for life-like sound reproduction
- Ferro fluid cooled voice coil for increased power handling
- Sold individually
- Available in single and dual 4-Ohm voice coils (AXM654DVC)

## AXT25B
### 1" Phenolic Bullet Tweeter
NEW!

- 100 Watts RMS / 500 Watts Peak
- Ferro Fluid cooled voice coil for increased power handling
- Small and powerful neodymium magnet
- Full domed compression driver capable of playing down to 3kHz
- Sensitivity: 106dB
- Frequency response: 3kHz - 18kHz
- Sold individually

## AXT25R
### 1" Silk Ring Tweeters
NEW!

- 100 Watts RMS / 500 Watts Peak
- Ferro Fluid cooled voice coils for increased power handling
- Small and powerful neodymium magnet
- Flush or 3-angle surface mount
- Directional tweeters reduce sound splashing for improved sound imaging
- Sensitivity: 90dB
- Frequency response: 3kHz – 50kHz
- Sold in pairs

## AXT4C
### 4th Order Crossover
NEW!

· Combined tweeter protection and 4th order x-over
· 24dB/octave roll-off at 4kHz
· Designed for use and protection of Axxera AXT25B, AXT25R tweeters as well as other high-end tweeters
· Dimensions: 1.25" (H) x 2.5" (W) x 4.75" (D)

## AXB12DVC
### 12" Subwoofer (DVC)
NEW!

- 400 Watts RMS / 2000 Watts Peak
- DVC (Dual Voice Coil) subwoofer with two 4-Ohm voice coils
- Rubber surround
- 41oz. Strontium magnet
- Vented stamped steel basket
- Works in ported and small sealed enclosures

## AXB10DVC
### 10" Subwoofer (DVC)
NEW!

- 400 Watts RMS / 2000 Watts Peak
- DVC (Dual Voice Coil) subwoofer with two 4-Ohm voice coils
- Rubber surround
- 41oz. Strontium magnet
- Vented stamped steel basket
- Works in ported and small sealed enclosures

| Feature / Model # | Size | Power Rating (RMS/Peak) | Woofer | Tweeter | DVC (Dual Voice Coil) | Sensitivity | Frequency Response | Mounting Opening Diameter | Mounting Depth |
|---|---|---|---|---|---|---|---|---|---|
| AXM804 | 8" | 150W/1000W | Treated Paper | | | 97dB | 80Hz - 6kHz | 7.36" | 3.47" |
| AXM804DVC | 8" | 300W/2000W | Treated Paper | | ✓ | 97dB | 80Hz - 6kHz | 7.36" | 3.47" |
| AXM654 | 6" | 125W/875W | Treated Paper | | | 95dB | 100Hz - 6kHz | 5.98" | 3.11" |
| AXM654DVC | 6" | 250W/1750W | Treated Paper | | ✓ | 95dB | 100Hz - 6kHz | 5.98" | 3.11" |
| AXT25B | 1" | 100W/500W | | Phenolic Bullet | | 106dB | 3kHz - 18kHz | 1.35" | 1.73" |
| AXT25R | 1" | 100W/500W | | Silk Ring | | 90dB | 3kHz - 50kHz | 1.89" | 0.98" |

| Feature / Model # | Size | Power Rating (RMS/Peak) | Woofer Cone | DVC (Dual Voice Coil) | Impedance | Sensitivity | Frequency Response | Mounting Opening Diameter | Mounting Depth |
|---|---|---|---|---|---|---|---|---|---|
| AXB12DVC | 12" | 400W/2000W | Grooved Paper | ✓ | 4-ohm per voice coil | 91dB | 18Hz - 100kHz | 11.1" | 5.08" |
| AXB10DVC | 10" | 400W/2000W | Grooved Paper | ✓ | 4-ohm per voice coil | 90dB | 20Hz - 100kHz | 9.17" | 4.61" |

## BTM100 Bluetooth® Module

- Supports HFP, A2DP, AVRCP and PBAB Profiles
- Integrated noise cancelling microphone
- Sun visor mounting clip
- Answer and place calls using front panel controls
- Communicates with most Bluetooth® enabled phones
- Last number redial
- View last 5 received/dialed/missed calls

## IP35 Audio Interface Adapter

- Includes 3.5mm to 3.5mm cable
- Universal connection for all portable digital media players
- Multiple mounting options for easy front-of-dash access

## IP45 Audio/Video Interface Adapter

The IP45 allows you to listen to and view content from any portable device (equipped with standard RCA outputs) through your multimedia car stereo. Multiple mounting options and a cosmetic rubber boot allow for easy, inconspicuous installation.

## IPV40 Video Playback Cable for iPod and iPhone devices

The IPV40 cable connects iPod/iPhone devices to the AXV3D and AXV820 multimedia receivers with a USB input and dedicated video input. This 40" cable includes a standard Apple 30 pin connector on one end and splits to a full size USB with an RCA video output connector on the other end. It provides a high-quality digital audio connection, full playback control and charging of your iPod or iPhone. In addition, the IPV40 allows video to be displayed when the vehicle is parked (included with the AXV3D and AXV820).

## PDM10 Portable Device Mount for 1.0 DIN Receivers

- Compatible with XDMA7200, XDMA7600 and XDMA7800 receivers.

## PDM20 Portable Device Mount for 2.0 DIN Receivers

- Compatible with X2DMA500 receiver

www.**axxeraaudio**.com

407.936.0129

© 2013 Dual Electronics Corporation, 250 International Pkwy, Heathrow, FL 32746.
Specifications are subject to change without notice. All trademarks are the property of their respective owners.

LIT001_Axxera_2013